

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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5/ Prel. Amdt - A
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Examiner: to be assigned.

For: ELECTRICAL ENERGY METER

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents
And Trademarks
Washington, D.C. 20231

Sir:

Prior to an examination on the merits of the above-referenced application, please amend the application as follows:

IN THE CLAIMS:

Please cancel claims 1-18, and please add new claims 19-33 as follows:

19.(NEW) A current probe for measuring current in a conductor, comprising a plurality of relatively fixed coils which define, and are substantially equally spaced apart along, a notional closed path surrounding the conductor, the coils being connected in series in such manner that an unobstructed gap is left between one pair of adjacent coils to enable the conductor to be introduced inside the closed path.

20.(NEW) A current probe according to claim 19, wherein said coils are Rogowski coils.

21.(NEW) A current probe according to claim 19, wherein said closed path is circular.